

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20060147161").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/23 12:30
S2	1293	385/901.ccls. 362/554-556.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:31
S4	2393	398/141-150.ccls. 385/89.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:41
S5	15	S2 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:32
S6	7107	385/31,43,50,115,116,120,121.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:40
S7	359	S2 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:56
S9	42	S7 and (photo\$7 detect\$4 photo\$1detector).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:56
S10	4269	385/115-121.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:56
S11	232	S2 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:56

## EAST Search History

S12	29	S11 and (photo\$7 detect\$4 photo\$1detector).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:57
S13	0	S12 not (S9 S5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:58
S14	198	S11 not (S9 S5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 13:35
S15	0	S14 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:58
S16	0	(09/862164).APP.	USPAT; USOCR	OR	OFF	2007/03/23 13:21
S18	168	398/141-150,165.ccls. and 385/24.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 14:52
S19	2	S18 and illuminat\$4.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 13:35
S20	45	385/24.ccls. and illuminat\$4.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 13:35
S21	45	S20 not (S9 S5 S14)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 13:40
S22	165	S18 not (S9 S5 S14 S21)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 13:42

## EAST Search History

S23	4	S22 and (plastic near3 (fiber fibre))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:14
S24	14	398/141-144,146.ccls. and 398/165-167.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:14
S25	948	398/141-144,146.ccls. 398/165-167. 5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:54
S26	13	S25 and 385/89.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:02
S27	56	385/24.ccls. and 385/89.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:02
S28	53	S27 not (S26 S24)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:42
S29	948	398/141-144,146.ccls. 398/165-167. 5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:14
S30	46	S29 and (plastic near3 (fiber fibre))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:14
S31	11	("5113244").URPN.	USPAT	OR	OFF	2007/03/23 16:29
S32	14	("5666447").URPN.	USPAT	OR	OFF	2007/03/23 16:36
S33	1362	398/141-150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:33

## EAST Search History

S34	54	S33 and (toslink eiaj (plastic with (fiber fibre)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:07
S35	14	398/141-144,146.ccls. and 398/165-167.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:42
S36	948	398/141-144,146.ccls. 398/165-167.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:42
S37	13	S36 and 385/89.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:42
S38	56	385/24.ccls. and 385/89.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:42
S39	80	S38 S37 S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:42
S40	48	S34 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:57
S41	229	398/165-167.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:54
S42	9	S41 and (toslink eiaj (plastic with (fiber fibre)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 16:57
S43	178	385/89.ccls. and (toslink eiaj (plastic with (fiber fibre)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:03

## EAST Search History

S44	163	S43 not (S39 S40 S42)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:35
S45	2	S44 and 385/24,45,46.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:02
S46	3849	398/140-172.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:01
S47	2	S44 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:01
S48	275	S46 and 385/24,45,46.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:10
S49	8	S48 and (toslink eiaj (plastic with (fiber fibre)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:08
S51	9	fraunhofer.in. and (fiber fibre).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:08
S52	64	385/89.ccls. and 385/24,45,46.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:10
S53	791	S33 and (wdm multiplex\$4 wavelength).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:33
S54	497	S53 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:35

## EAST Search History

S55	294	S54 and (coupl\$4 combin\$4).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:35
S56	285	S55 not (S39 S40 S42 S52)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:09
S57	48	S56 and (driver driving)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 17:36
S59	22	("4878731"   "4900118"   "5050954"   "5078465"   "5098804"   "5309534"   "5339374"   "5343542"   "5355426"   "5361383").PN. OR ("5418869"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/23 17:59
S60	82286	((plural\$4 array\$3) near2 (laser led source)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:07
S61	91315	((plural\$4 array\$3) near2 (laser led source transmitter)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:08
S62	51682	((plural\$4 array\$3) near2 (receiver detector photo\$1diode photo\$detector)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:08
S63	8410	S61 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:09
S64	44	S33 and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:21

## EAST Search History

S65	39	S64 not (S39 S40 S42 S52 S57)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:21
S66	0	(09/773937).APP.	USPAT; USOCR	OR	OFF	2007/03/23 18:14
S67	112	385/24.ccls. and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:21
S68	90	S67 not (S39 S40 S42 S52 S57 S65)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:22
S69	73	S68 and (driv\$4 filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 18:23
S70	18	S68 and driv\$4 and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:15
S71	5970	385/123-128.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:16
S72	65	S71 and ((transparent translucent) with (jacket sheath))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:42
S73	102314	((led laser source) with wavelength).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:46
S74	212323	((drive\$2 driving) with (laser led source)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:45

## EAST Search History

S75	59692	((drive\$2 driving) with (photo\$1detector detector photo\$1diode)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:45
S76	595	S73 and S74 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:46
S77	178	S76 and (optic\$2 with (fiber fibre))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:46
S78	943762	(signal light wavelength) with (combin\$4 multiplex\$3 multi\$2plex\$4 coupl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:47
S79	151	S77 and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 08:47
S80	214	385/121.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 20:35
S81	46	S80 and polish\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 20:09
S82	31	("3933409"   "4101188"   "4184739"   "4422719"   "4743082"   "4807963"   "4918579"   "4932747"   "4941734"   "4976508"   "5030321"   "5058985"   "5109448"   "5208884"   "5222180"   "5259056"   "5311604"   "5346655"   "5369721"   "5530940"   "5629996"   "5751870"   "5790723"   "5790725"   "5791756"   "5838865"   "5857041"   "5862285"   "6296383"   "RE33722").PN. OR ("6618530"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/27 20:27



## EAST Search History

S83	40	385/115-121.ccls. and 385/89.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:15
S84	38	S83 not S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 20:36
S85	6	385/115-121.ccls. and 385/50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:05
S86	3	(transparent near2 optic\$3 adj fiber) with (cycle period\$4 pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:06
S87	85	S84 S83 S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:15
S88	1	S87 and gobo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:15